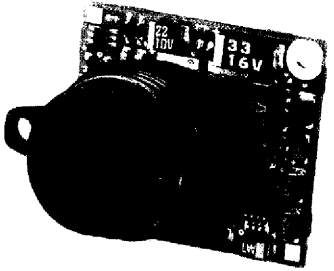
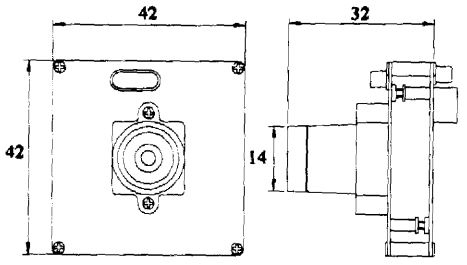
15-BC22CML

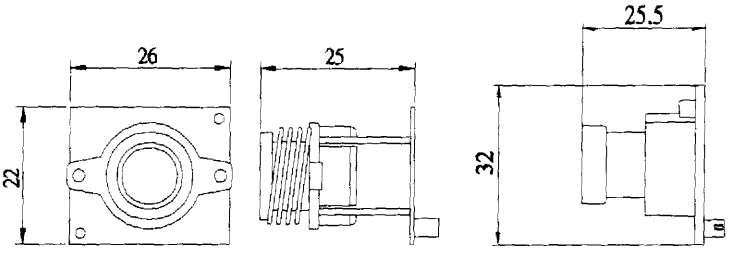
1/3" CMOS COLOR CAMERA BOARD+BOARD LENS



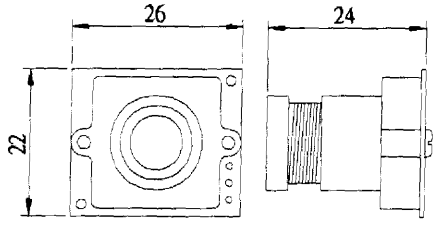
- 22x26mm CMOS Color Camera Modules.
- 1/3" sensor. 330 TV lines. 5.0 Lux illumination. 290,000 pixels (PAL).
- Built-in board lens 3.6mm/F2.0.
- Automatic exposure, gain, white balance.
- Lower power consumption.
- Video only.



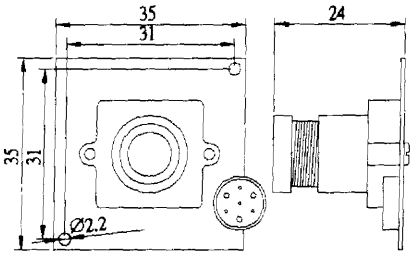
15-BC65L/P



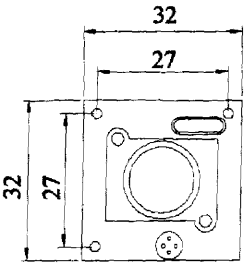
15-BC91L/P



15-BC22L



15-BC35L/A



15-BC90L/P/A

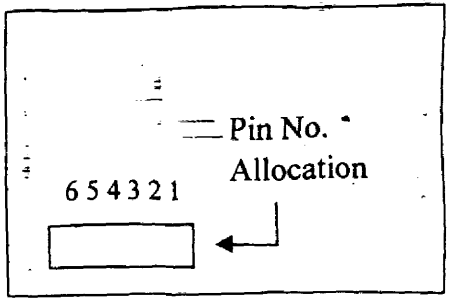
OPTION: Board lens 3.6mm, 6.0mm, 12.0mm
Pinhole Lens 3.7mm, 5.5mm

SPECIFICATIONS

ITEMS	15-BC65L/P	15-BC90L/P/A	15-BC91L/P	15-BC22L	15-BB35L
PICK UP DEVICE	1/3" CCD IMAGE	1/4" CCD IMAGE SENSOR		1/3" CMOS IMAGE SENSOR	
PICTURE ELEMENTS	NTSC: 512H x 492V - PAL: 512H x 582V				
HORIZONTAL RESOLUTION	330 LINES				
MINI ILLUMINATION	1 Lux	2 Lux		5 Lux	
HORIZ. SYNC. FREQUENCY	NTSC: 15.734 KHz - PAL: 15.625 KHz				
VERTICAL FREQUENCY	NTSC: 60 HZ - PAL: 50HZ				
CLOCK FREQUENCY	NTSC: 19.0699 MHz - PAL: 18.9375 MHz				
SCANNING SYSTEM	2:1 INTERLACE				
VIDEO OUTPUT	1 V P-P, 75Ohms				
AUDIO OUTPUT	NO	Max 2 Vp-p(Option)	NO		Max 2 Vp-p
S/N RATIO	46dB			40dB	
ELECTRONIC SHUTTER	Up to 1/10,000 sec	Up to 1/96,000 sec		Up to 1/20,000 sec	
LENS	3.6 mm / F 2.0; Pin-hole 5.5mm/F3.5		3.8 mm / F2.0 Pin-hole 4.6 mm/F2.8	3.6 mm / F 2.0	
WHITE BALANCE	AUTO TRACING WHITE BALANCE				
BACK LIGHT COMPENSATION	NO				
AUTO GAIN CONTROL	AUTO TRANCING	NO			
GAMMA	0.45				
SIZE	42 x 42 mm	32 x 32 mm	22 x 26 mm		35 x 35 mm
PCB	2	1			
POWER SUPPLY	12 VDC (+ / - 0.5V)		5VDC (+ / - 0.5V)	9~12VDC	
POWER CINSUMPTION	240 mA	170 mA	160mA	40 mA	42 mA
STORAGE TEMPERATURE	-30 to + 60℃				
OPERATING TEMPERATURE	-10 to + 45℃				

■ Connector Pin Allocation

<Pin No.>	<Signal>	<Description>
1	DC	DC Power Input
2	GND	Power Ground
3	VIDEO OUT	Video Output
4	GND	Video Ground
5	VDD	DC 5V Power Input
6	GND	DC 5V Power Ground



※ Power in select

Pin No. 1,2 Input DC 6 to 12V or Pin No.5,6 Input DC5V(select only)